

KACHARAVA, P.N.

Effect of pruning on the growth and productivity of young pome
fruit trees. Izv. AN Arm. SSR, Biol. i sel'khoz. nauki 8 no.1:25-34
Ja '55. (MLBA 9:8)

1. Opytnaya stantsiya plodevodstva AN Gruzinskoy SSR, s. Skra.
(Pruning) (Cherry)

KACHARAVA, P. M.

KACHARAVA, P. M.: "The soil contents of young orchards of eastern Georgia." Published by the Acad Sci Georgian SSR. Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Tbilisi, 1956. (Dissertation for the degree of Doctor in Agricultural Sciences)

SO: Knizhnaya Letopis', No 36, 1956, Moscow.

USSR/Cultivated Plants. Fruit Trees. Small Fruit Plants.

M

Abs Jour: Ref Zhur-Diol., No 17, 1958, 77799.

Author : ~~Kacharava, P.M.~~

Inst : Experiment Station of Fruit Growing, AS GSSR.

Title : On the Methods of Maintenance of Soil in Young Fruit Orchards.

Orig Pub: Tr. Opyt. st. plodovodstva, AN GruzSSR, 1956, 5, 3-50.

Abstract: Experiments were conducted in 1947-1955 at the Experimental Station of Fruit Growing AS Georgian SSR in an apple orchard, planted with biennials in 1947, on a plot with light-clayey, brown soil. The influence on the growth and harvest of the young fruit trees of cultivated crops, legumes, black fallow, mixtures of perennial grasses and

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USSR/Cultivated Plants. Fruit Trees. Small Fruit Plants.

M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77799.

planting of annual grasses was studied. Eleven variants were established. In connection with the lack of precipitation in the conditions of eastern Georgia (Gori Rayon), experiments with perennial grasses were established with mulches and without mulches. Each variant had 3 repetitions in 24 trees. Considered were the growth of branches and thickness of trunk, leaf surface, general dimension of the tree, harvest and its quality, chemical composition and durability of fruit, development of root system, content in soil of moisture and nitrates, structure and aggregate composition of soil. Average annual growth of branches on plots with perennial grasses was twice less than in variants with legumes, black

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USSR/Cultivated Plants. Fruit Trees. Small Fruit Plants.

M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77799.

fallow and cultivated crops. Vetch occupied an intermediate position. The depressing influence of perennial grasses on the apple tree in the first 3 years after planting was so strong that the use of black fallow and cultivated crops in the first 3 years after cultivation of grasses did not improve the condition of trees, and it began to improve only in the fourth year. With overlapping sowing of perennial grasses, their negative influence was softened. Growth of the trunk was analogous to growth of the sprouts. In the variant filled with turf, earlier leaf fall was noted even with irrigation. Mulching of the area around the trees with straw increased growth. Average weight of a single fruit of the

Card : 3/4

124

USSR/Cultivated Plants - Fruits. Berries:

M.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15754

Author : P.M. Kacharova

Inst :

Title : The Effect of Soil Maintenance Methods on Young Fruit Tree Root Growth.
(Vliyaniye sposobov soderzhaniya pochvy na rost korney molodogo plodovogo dereva).

Orig Pub : Tr. Opytn. st. plodovodstva. AN GruzSSR, 1956, 5, 51-73.

Abstract : In 1947 an experiment was set up to study the root system development in young Zimniy Banan variety apples when sown in the spaces between the rows was:
1) a perennial grass mixture for three years time with complex and strip farming;
2) vetch for hay;
3) corn, cabbage, beets, neans;
4) sideration crops. Roots developed most when the

Card 1/3

KACHARAVA, P. M., Doc Agr Sci, "SYSTEM OF SOIL MAINTEN-
NANCE AN ~~new~~ ^{new} IRRIGATED ORCHARDS OF EASTERN GEORGIA."
TBILISI, 1960. (MIN OF AGR GEORGIAN SSR. GEORGIA ORDER
OF LABOR RED BANNER AGR INST). (KL, 2-61, 214).

-208-

BERISHVILI, G.A. Primalni uchastiye: GABIDZASHVILI, V.D., inzh.;
KACHARAYA, G.G., inzh.; KASHAKHASHVILI, G.N., inzh.; PIRTSKAHALAVA,
D.T., inzh.; TEZADZE, A.I., inzh.

Results of experiments in studying the effective use of short-
delay blasting. Trudy Inst.gor.dela AN Gruz.SSR 2:215-227 '60.
(MIRA 14:10)

1. Institut gornogo dela AN Gruzinskoy SSR (for Gabidzashvili,
Kacharava, Kashakashvili, Pirtskhalava, Tevzadze).
(Blasting)

KACHARLI, M.Sh., Cand Phys-Math Sci--(diss) "Dielectric properties of
petroleum and petroleum products." Baku, 1958. 9 pp (Min of Higher
Education USSR. Azerbaydzhan State U in S.M. Kirov), 100 copies.
Bibliography at end of text. (KL,25-58, 106)

-13-

KACHARMIN, S.D.

Introduction of new equipment in industries of the Tula Economic
Council. Biul.tekhn.-ekon.inform. no.12:66 '60. (MIRA 13:12)
(Tula Province--Industries)

KACHARMIN, S.D.

In the Technical Economic Committee of the Tula Economic Council.
Biul.tekh.-ekon.inform. no.12:88-89 '61. (MIRA 14:12)
(Tula Province—Economic councils)

OBRESHKOV, Petur, inzh., kand. tekhn. nauki; KACHAROV, Emil,
inzh.

Computing the soldering strength of hard-alloy teeth in
milling cutters and circular saws. Durvomebel prom 6 no. 2:
4-6 Mr-Ap '63.

1. Chlen na Redaktsionnata kolegia, "Durvoobrabotvashta
i mebelna promishlenost" (for Obreshkov).

SIDORENKO, A.V., glav. red.; GAMKRELIDZE, P.D., red.; DZOTSENIDZE,
G.S., red.; ZARIDZE, G.M., red.; KACHAROVA, I.V., red.;
RUBINSHTEYN, M.M., red.; TSAGARELI, A.L., red.; CHELIDZE,
G.F., red.

[Geology of the U.S.S.R.] Geologia SSSR. Glav. red. A.V.
Sidorenko. Moskva, Nedra. Vol.10. Pt.1. 1964. 654 p.
(MIRA 17:12)

IVANITSKAYA, Ye.P., doktor med.nauk (Moskva, B.Ovchinnikovskiy pre., d.24,kv.13);
KACHAROVSKAYA, I.B., mladshiy nauchnyy sotrudnik; ASTRAKHANTSEV, F.A.,
mladshiy nauchnyy sotrudnik

Radiotherapy in cancer of the rectum. Vest. rent. i rad. 36 no.4:
59-66 J1-Ag '61. (MIRA 15:2)

1. Iz rentgenoterapevticheskogo otdela (zav. - starshiy nauchnyy
sotrudnik I.A. Pereslegin) Gosudarstvennogo nauchno-issledovatel'skogo
rentgeno-radiologicheskogo instituta Ministerstva zdavookhraneniya
RSFSR (dir. - prof. I.G.Lagunova).
(RECTUM_CANCER) (RADIOTHERAPY)

ACCESSION NR: APL000411

S/0046/63/009/004/0427/0433

AUTHORS: Kacharskaya, L. V.; Komarov, L. I.; Fisher, I. Z.

TITLE: Hypersound and slow neutron scattering in liquids

SOURCE: Akusticheskiy zhurnal, v. 9, no. 4, 1963, 427-433

TOPIC TAGS: hypersound neutron wave diffraction, liquid hypersound neutron wave diffraction, high frequency hypersound, hypersound neutron scattering, slow neutron scattering, hypersound slow neutron scattering, hypersound neutron scattering spectrum, hypersonic radiation, neutron scattering, neutron, scattering, hypersound

ABSTRACT: The conditions leading to neutron wave diffraction on hypersounds in liquids are analyzed, and conditions for building an experimental apparatus specified. Slow neutron scattering is found to be the most suitable because of the requirements of very high frequencies for the determination of hypersounds in fluids. The expression for the neutron energy E and momentum p during and after the scattering is represented by

$$E - E_0 = \pm u(Q) |p - p_0|,$$

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ACCESSION NR: AP4000111

where $u(\Omega)$ can be calculated by experimentally determining p or E . For small scattering angles θ and small values of $\Delta E/2mu^2$ this expression is written in the form

$$\Delta E \approx \pm \frac{2E_0 \sin \theta}{\sqrt{\frac{2E_0}{mu^2} - 1}}$$

The discussed neutron diffraction characteristics are shown to have no analogies in optical theory, with auxiliary peaks in the neutron spectrum at zero angle neutron scattering. This effect may yield direct information experimentally on hypersounds in the limits of high frequencies. Orig. art. has: 30 formulas and 1 figure.

ASSOCIATION: Belorusskiy gosudarstvennyy universitet, Minsk (Byelorussian State University)

Card 2/3

KACHATOV. A.

Kilns

New plan for a circular vaultless kiln. Sel'. stroi. No. 3(44), 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952, UNCLASSIFIED.

MAKHATUROV, T. — 3

7/5

755

Zheleznodorozhnyy transport SSSR (Railway transportation in the USSR) Moskva, Transzheldorizdat, 1952.

261 p. tables.

Bibliographical footnotes.

KACHAUNOV, I. St.

BULGARIA/Plant Diseases - Diseases of Cultivated Plants.

0-2

Abs Jour : Ref Zhur - Biol., No 3, 1958, 11264

Author : Angelov, Ye.At., Kachaunov, I.St.

Inst : -

Title : Our Experience in Storing Young Grape Plants After Inoculation Against Spotty Necroses.

Orig Pub : Lozarstvo i vinarstvo, 1956, 5, No 5, 306-308

Abstract : No abstract.

Card 1/1

GHOLCHEVA, P.I.; KACHAUNOVA, Maya[translated]; KONDAKOVA, Irina
[translated]; GERASIMOV, Kirill, red.; GORANOVA, Mariya G.,
nauchnyy red.; TSOLEVA, Margarita M., nachnyy red.;
BAYKUSHEV, G., tekhn. red.

[Vegetable in present-day cookery]Ovoshchi v sovremennoi ku-
linarii. Pod red. Kirilla Gerasimova. Sofia, Gos.izd-vo
"Tekhnika," 1962. 353 p. Translated from the Bulgarian.

(MIRA 15:12)

(Vegetables (Cookery))

KROL', M.Ye.; IVANOVA, N.M.; KACHAUNOVA, N.N.

Use of fluorescence microscopy for the laboratory diagnosis of
tuberculosis. Probl.tub. 37 no.7:84-89 '59. (MIRA 13:4)

1. Iz otdela mikrobiologii (zaveduyushchiy - kand.med.nauk V.I.
Kudryavtseva) Leningradskogo instituta tuberkuleza (direktor -
prof. A.D. Semenov).
(TUBERCULOSIS diagnosis)

SKRYGAN, F. [Skryhan, F.]; KACHAVY, M.

Career of an outstanding woman. Rab. i sial. 36 no.6:6-7 Je
'60. (MIRA 13:7)

(Starobino District—Women as farmers)

KACHAY, F.A., vrach (Karel'skaya ASSR)

Peculiarities of the care of patients with lobar pneumonia. Med.
sestra 16 no.11:24-27 N '57. (MIRA 11:2)
(PNEUMONIA) (NURSES AND NURSING)

KACHAY, F.A. (poselok Kurkinoki Karel'skoy ASSR.)

Tuberculous peritonitis. Fel'd. i akush. 22 no.5:7-11 My '57.
(PERITONEUM--TUBERCULOSIS) (MLRA 10:6)

KACHAYEV, A.K.

Some difficulties in the diagnosis of simple alcoholic
intoxication, Prak.sudebnopsikh.ekspert. no.5:70-77 '61.
(MIRA 1614)
(ALCOHOLISM AND CRIME) (FORENSIC PSYCHIATRY)

KACHAYEV, A.K.

Role of subjective complaints in the expertise on alcoholic
intoxication. Prak.sudebnopsikh.ekspert. no.7:36-41 '62.

(MIRA 16:2)

(FORENSIC PSYCHIATRY) (ALCOHOLISM)

KACHAYEV, A.K.

Possibility of a conversion of plain alcoholic intoxication
into a pathological state. Probl.sud.psikh. no.12:40-45 '62.
(MIRA 16:4)

(ALCOHOLISM AND CRIME)

ARISTOVA, P.I.; SHCHIPTSOVA, V.G.; KACHAYEV, E.D.

Machine for cotton processing directly from the bale.

Nauch.issl.trudy IvNITI 25:3-14 '61.
(Cotton machinery)

(MIRA 15:10)

SOV/84-58-11-37/58

AUTHOR: Kachayev, K. (Syktyvkar)

TITLE: Four Friends (Chetvero druzey)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 11, p 30 (USSR)

ABSTRACT: The author cites the record of four friends, former Komsomol members, V. Kovalenko, G. Silkin, V. Chernyshev and N. Khalepa, honor graduates from an aviation school. Assigned together to an aviation unit, they soon became copilots, and since 1958 have been flying heavy transport planes on northern highways.

Card 1/1

VOYEVODIN, A.V., kand. sel'skokhoz. nauk; KUDEL', K.Ye., nauchnyy sotrudnik;
MURAROVA, O.I.; NIBYT, V.A.; TARASENKO, I.M., kand. biolog. nauk;
SMEL'YANETS, V.P.; PALASKAS, D.N.; KOROBATOV, V.A., starshiy nauchnyy
sotrudnik; BORDUKOVA, M.; KACHAYEVA, V., semenovod; GLINKA, Ye., agronom;
SHEVCHENKO, A.B., aspirant; BOCHAROV, K.; GLEBOV, M.A., kand. ekonom.
nauk

Results of herbicide testing. Zashoh. rast. ot vred. i bol. 9
no.7:23-26 '64. (MIRA 18:2)

1. Vsesoyuznyy institut zashchity rasteniy (for Voyevodin).
2. Ukrainskiy nauchno-issledovatel'skiy institut zashchity rasteniy (for Kudel', Smelyanets).
3. Nachal'nik Kiyevskoy oblastnoy stantsii zashchity rasteniy (for Murarova).
4. Zaveduyushchiy Mironovskim punktom signalizatsii (for Nibyt).
5. Nizhnedneprovskaya stantsiya obleseniya peskov i vinogradarstva na peskakh, TSuryupinsk, Khersonskoy oblasti (for Tarasenko).
6. Zaveduyushchiy Kokandskim nablyudatel'nym punktom, Ferganskoy oblasti (for Palaskas).
7. Azerbaydzhanskiy nauchno-issledovatel'skiy institut khlopkovodstva, Kirovabad (for Korobotov).
8. Zaveduyushchiy Moskovskoy kartofel'noy toksikologicheskoy laboratoriyey (for Bordukova).
9. Sovkhoz "Voskresenskiy", Moskovskoy oblasti (for Kachayeva).
10. Moskovskaya kartofel'naya toksikologicheskaya laboratoriya (for Glinka).
11. Ukrainskiy institut rasteniyevodstva, selektsii i genetiki imeni V.Ya. Yur'yeva (for Shevchenko).
12. Nachal'nik Kurskoy stantsii zashchity rasteniy (for Bocharov).

KACHAYEV, V.

Improve the organization of the navigator's duties. Mor.
flot 25 no. 11:16-17 N '65. (MIRA 18:11)

1. Glavnyy shturman Dal'nevostochnogo parokhodstva.

KACHAYEV, V., kapitan dal'nego plavaniya

Lumber transportation on ships of the type "Andizhan." Mor.
flot 22 no.12:15-16 D '62. (MIRA 15:14)

1. Glavnyy shturman Dal'nevostochnogo parokhodstva.
(Lumber—Transportation) (Merchant ships—Cargo)

KACHAYEV, V., kapitan dal'nego plavaniya

Steamship line across the Pacific Ocean. Mor. flot. 23 no.11:
17-18 N 63. (MIRA 16:12)

1. Glavnyy shturman Dal'nevostochnogo parokhodstva.

KOLOMIYTSYEV, F.M., dotsent; KACHAYEV, V.F., ispolnyayushchiy obyazannosti
dotsenta (Barnaul)

Connection of teaching public health organization with practice
in the Altai Medical Institute. Sov. zdrav. 22 no.9:43-47 '63.
(MIRA 17:4)

1. Iz kafedry organizatsii zdravookhraneniya i istorii meditsiny
Altayskogo meditsinskogo instituta.

KACHAYEV, V.F., assistant

Public health in the Kursk vice-regency and in the Kursk government
in the 18th and the first half of the 19th century. Sbor. trud.
Kursk. gos. med. inst. no.13:87-91 '58. (MIRA 14:3)

1. Iz kafedry organizatsii zdoravookhraneniya i istorii meditsiny
(zav. - dotsent A.G.Kurochkina) Kurskogo gosudarstvennogo meditsinskogo instituta.

(KURSK-PUBLIC HEALTH)

KOLOMIYTSEV, F.M.; KACHAYEV, V.F. (Barnaul)

Assistance rendered by the Altai Medical Institute to public
health agencies and institutions in 1962. Zdrav. Ros. Feder.
7 no.7:27-28 J1'63. (MIRA 16:9)
(ALTAI TERRITORY—PUBLIC HEALTH)

KACHAYEV, V.L., podpolkovnik meditsinskoy sluzhby

Treating some parasthetic forms of neuralgia at the Sochi-Matsesta
health resort. Voen.-med. zhur. no.6:56-59 Je '56. (MIRA 9:9)

(NEURALGIA)

(SOCHI-MATSESTA--MINERAL WATERS, SULFUREOUS)

KACHAYEV, V.L.

Dynamics of neurological disorders in surgical treatment of focal epilepsy. Zhur. nevr. i psikh. 61 no.9:1328-1331 '61. (MIRA 14:9)

1. Leningradskiy nauchno-issledovatel'skiy neyrokhirurgicheskiy institut imeni A.L.Polenova (dir. - prof. V.N.Shamov).
(EPILEPSY) (NERVOUS SYSTEM DISEASES)

D'YACHKOV, V.G.; KACHAYEV, V.L.

Neurinoma of the spinal cord with the clinical course simulating
tabes dorsalis. Vop.psikh.i nerv. 8:305-306 '62. (MIRA 17:4)

1. Iz Leningradskogo nauchno-issledovatel'skogo neyrokhirurgicheskogo
instituta imeni prof. A.L.Polenova (dir. - deystvitel'nyy chlen
AMN SSSR, prof. V.N.Shamov).

TKACH, P.N.; KACHAYEV, V.L.

Fat embolism in the vessels of the brain in a leg fracture.
Vop. psikh. i nevr. no.9:128-131 '62. (MIRA 17:1)

1. Travmatologicheskoye otdeleniye Ob'yedinennoy bol'nitsy
Okt'yabr'skoy zheleznoy dorogi (nachal'nik bol'nitsy - M.A.
Ivanova) i Leningradskiy nauchno-issledovatel'skiy neyro-
khirurgicheskiy institut imeni A.L. Polenova (dir. instituta -
prof. V.M. Ugryumov).

ZEMSKAYA, A.G.; KACHAYEV, V.L.

Clinical aspects and surgical treatment of implantational
cholesteatomas in the region of the cauda equina. Vop. psikh.
i nevr. no.9:328-334 '62. (MIRA 17:1)

1. Leningradskiy nauchno-issledovatel'skiy neyrokhirurgi-
cheskiy institut imeni prof. A.L. Polenova (dir. - prof.
V.M. Ugryumov).

KACHAYEV, V.L.

State of the vasomotor function of the peripheral nerves in
the late period following their suturing. Zhur.nerv.i psikh. 62
no.6:846-852 '62. (MIRA 15:11)

1. Leningradskiy nauchno-issledovatel'skiy neyrokhirurgicheskiy
institut imeni A.L.Polenova (dir. - prof. V.M.Ugryumov).
(NERVES, PERIPHERAL—SURGERY)
(NERVOUS SYSTEM, VASOMOTOR)

KACHAYEV, V.L. (Leningrad)

Late results of the application of a nerve suture following a
combat injury of an extremity. Vrach.delo no.3:71-75 Mr '63.
(MIRA 16:4)

1. Nauchno-issledovatel'skiy, neyrokhirurgicheskiy institut
imeni prof. A.L.Polenova, Leningrad.

(SUTURES)

(NERVES--SURGERY)

(EXTREMITIES (ANATOMY--WOUNDS AND INJURIES))

VOLKOV, A.A.; KACHAYEV, V.L.; KRIVOSHEINA, Yu.P.

Neurological evaluation of the state of patients with brain tumors during the process of treatment with radioactive gold and after it. Zhur. nevr. i psikh. 64 no.11:1626-1630 '64. (MIRA 18:6)

1. Leningradskiy neyrokhirurgicheskiy institut im. A.L. Polenova (direktor - prof. V.M. Ugryumov) i kafedra neyrokhirurgii (zaveduyushchiy - prof. I.S. Babchin) Leningradskogo instituta usovershenstvovaniya vrachey im. S.M. Kirova.

UGRYUMOV, V.M., prof.; LUBENSKIY, Ye.G.; KALINER, S.S.; KACHAYEV, V.L.;
DUBIKAYTIS, Yu.V.; FEDOROVA, I.D.

Surgical treatment of traumatic epilepsy in adults. Vop. neurokhir.
28 no.2:41-45 Mr-Apr '64. (MIRA 18:2)

1. Leningradskiy nauchno-issledovatel'skiy neurokhirurgicheskiy
institut imeni A.L. Polenova (direktor - prof. V.M. Ugryumov).

IVANOV, V.M.; KACHAYEVA, A.S.; SHMIGEL', L.M.; GERSHOVICH, F.S.; SKVORTSOVA, L.F.

Stock dyeing of viscose fibers. Khim. volok. no.3:58 '65. (MIRA 18:7)

1. Cherkasskiy zavod iskusstvennogo volokna.

POPOVSKAYA, O.M.; KACHAYEVA, O.I.

Relation of soil temperature in a potato field to air temperature.
Trudy TSIP no.145:186-191 '65. (MIRA 18:10)

POPOVSKAYA, O.M.; KACHAYEVA, O.L.

Microclimatic characteristics of a potato field in the Moscow region.
Trudy TSIP no.140:118-135 '65. (MIRA 18:7)

MIKHAYLOV, A.N., otv.red.; SAKULINSKAYA, M.G., otv.red.; GULINOVA, N.V.,
nauchnyy sotrudnik, retsenzent; KACHAYEVA, O.I., nauchnyy sotrudnik,
retsenzent; POPOVSKAYA, O.M., nauchnyy sotrudnik, retsenzent;
POBETOVA, T.A., nauchnyy sotrudnik, retsenzent; RUDNEV, V.M.,
nauchnyy sotrudnik, retsenzent; SAVDARG, S.F., nauchnyy sotrudnik,
retsenzent; USHAKOVA, T.V., red.; VLADIMIROV, O.G., tekhn.red.

[Agroclimatic reference book on Chuvashia] Agroklimaticheski
spravochnik po Chuvashskoi ASSR. Leningrad, Gidrometeor.isd-vo,
1960. 127 p. (MIRA 13:11)

1. Gorkiy. Gidrometeorologicheskaya observatoriya. 2. Tsentral'nyy
institut prognozov (for GulinoVA, Kachayeva, Popovskaya, Pobetova,
Rudnev, Savdarg).
(Chuvashia--Crops and climate)

KACHAYEVA, Z.F.

USSR / Cultivated Plants. Technical, Oleaceous, Sugar Bearing Plants. M-6

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58695

Author : Karpenko, I. S.; Kachayeva, Z. F.
Inst : Tomsk State Pedagogical Institute
Title : Experimental Cultivation of Ethiopian Crambe in Tomsk

Orig Pub : Uch. zap. Tomskiy gos. ped. in-t., 1956, 15, 437-451

Abstract : This is a brief review and results of work carried out in the agrosector of the Tomsk botanical garden and at the Tomsk zonal station. It was established that the soil-climatic conditions of Tomsk are appropriate for the cultivation of Ethiopian crambe. The yield of seeds was 12-50 cwt/ha. The seeds contain 30-44.5% of oil, corresponding in terms of its physico-chemical properties to the oil, obtained from crambe

Card 1/2

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Plants. Technical, Oleaceous, Sugar Bearing M-6

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58695

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820001-5"

in the basic regions of cultivation of this crop. The net weight of the seeds was normal. It increased in the case of earlier sowing periods. The vegetation period fluctuates between 81 and 115 days, depending on the period of sowing and meteorological conditions. Crambe grows slowly until the advent of the budding phase (daily increment of not more than 0.5 cm). It grows very rapidly during the periods of budding, blooming and fruit formation (increment of 1.5-4.6 cm per day). The growth slows up considerably during the ripening period. -- N. N. Konstantinov

Card 2/2

KACHAYLO, S.I.

KACHAYLO, S. I.

Knife-switch commutator. Rats. i izobr. predl. v stroi. no.104:
21-22 '55. (MIRA 8:11)

(Electric switchgear)

CHEKMAREV, A.P., akademik; KACHAYLOV, A.P., inzh.

Determination of actual yield points in steel by hot torsion.
Trudy Inst. Chern. Met. AN URSR 17:83-98 '62. (MIRA 15:10)

1. Akademiya nauk UkrSSR (for Chekmarev).
(Steel—Testing) (Deformations (Mechanics))

S/032/63/029/002/017/028
B101/B186

AUTHORS: Chekmarev, A. P., and Kachaylov, A. P.

TITLE: Determination of the resistance of steel to torsional deformation at different temperatures and deformation rates

PERIODICAL: Zavodskaya laboratoriya, v. 29, no. 2, 1963, 213 - 215

TEXT: The torsional testing of steel tubes is described, these having an external diameter 24 - 26 mm, internal diameter 17 mm and being made by turning in a lathe at 900 - 1200°C, deformation rate 14 - 253 sec⁻¹. The torque was measured with wire strain gauges. Torque, torsion angle and number of revolutions of the spindle were recorded with a Siemens galvanometer oscillograph. The dependence $\tau = f_1(\varphi)$ where $\varphi = a\varphi/l$, φ -torsion angle, l length of specimen, was obtained from the torque versus torsion angle curve from the equation $\tau = M_t/2\pi a^2 h$, where τ -resistance to deformation, M_t -torque, a -radius of the specimen, h -thickness of the wall. With the aid of the relations $\tau = \sigma/\sqrt{3}$, $\varphi = 2\epsilon$, $\varphi = 2u$ the $\sigma = f(u)$ curves can be determined for different degrees of deformation and different temperatures.

Card 1/2

Determination of the resistance of...

S/032/63/029/002/017/028
B101/B186

tures, σ is the resistance to deformation, ϵ is the degree of deformation, %, u is the rate of deformation, sec^{-1} . The relation $\gamma = 2\epsilon$ is valid to $\gamma \leq 60\%$. Tests with P18 (R18) steel gave good agreement with published data among them those of P. M. Cook, A. W. McCrum (The calculation of load and torque in hot flat rolling, BSKA, March (1958)).

ASSOCIATION: Dnepropetrovskiy institut chernoy metallurgii (Dnepropetrovsk Institute of Ferrous Metallurgy)

Card 2/2

L 41262-66	EWI(m)/EWP(t)/ETI/EWP(k)	IJP(c)	JD/HH
ACC NR: AT6012090	SOURCE CODE: UR/3177/65/021/000/0306/0309		
AUTHOR: <u>Chekmarev, A. P.</u> (Academician AN UkrSSR); <u>Kachaylov, A. P.</u> (Candidate of technical sciences) 5/48 B+1			
ORG: none*			
TITLE: <u>Plasticity of steel at high temperatures</u>			
SOURCE: <u>Dnepropetrovsk, Institut chernoy metallurgii. Trudy, v. 21, 1965. Prokatnoye proizvodstvo (Welding production), 306-309</u>			
TOPIC TAGS: low chromium steel, high chromium steel, plasticity, high temperature effect, torsion strength / <u>ShKh15</u> low-Cr steel, <u>Kh982</u> high-Cr steel			
ABSTRACT: Plasticity is one of the features that must be considered when selecting the regime of heat treatment for any mark of steel; it is highly influenced by temperature. In view of the current rapid advances in the production of high-alloy steels and alloys which are prone to overheating (above the liquidus), the need for a method of quick preliminary determination of the plastic properties of steel at high temperatures has become particularly acute. The torsion test is gaining increasingly popularity in this respect. Its findings are used to plot the number of twists until rupture as a function of temperature. However, various investiga-			
Card 1/4			

L 41262-66

ACC NR: AT6012099

3

tors use specimens of various dimensions (particularly length) when studying plasticity by means of the torsion test, and this complicates a comparison of the experimental findings. To eliminate this complication, the authors propose using a new plasticity indicator in lieu of the number of twists until rupture (which are greatly affected by the length of the specimens), namely, the relative angle of twist until rupture:

$$\theta = \frac{\varphi}{l_p},$$

where θ is angle of twist at rupture, radians; l_w is the length of working part of the specimen, mm. This eliminates the effect of dimension of the specimen on the experimental findings. To confirm the validity of this formula, hot twist tests were carried out with the aid of a clamp revolving at the fixed rate of 150 r.p.m. The values of the plasticity indicator θ were calculated for each temperature (900, 1000, 1100 and 1200°C) with respect to 10 marks of steel. The findings, as presented in the form of curves in Fig. 1, which shows that, e.g. steel no. 2 (ShKh15 low-Cr steel) displays maximum plasticity ($\theta = 1.7$ radians) when hot-twisted at 1000°C, whereas at the same temperature the θ of steel no. 15 (Kh952 high-Cr steel) falls to its minimum (0.7 radians). Considering that octahedral displacement is a good criterion of the change in deformation on transition from one stressed state to another, and further con-

Cord 2/4

ACC NR: AT6012090

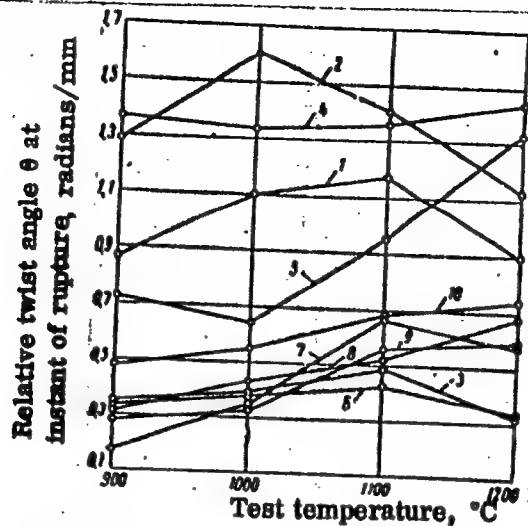


Fig. 1., Indicator of plasticity of steel during twisting as a function of test temperature. The figures on the graph pertain to the ordinal number of the steel tested

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L 41262-66

ACC NR: AT6012090

Considering that relative rolling reduction $\epsilon = h_0 - h_1 / h_0$, at which the first signs of fracture appear, serves as the criterion of the maximum plasticity of steels and alloys, the authors calculated as follows the ratios of relative displacements γ during torsion to relative reductions ϵ :

ϵ	...	0,1	0,2	0,3	0,4	0,5	0,6	0,7	0,8	0,9
γ	...	0,183	0,399	0,657	1,0	1,5	2,33	3,9	8,37	27,02

Since $\gamma = \theta R_{av}$ and the specimens tested had a 9-mm radius of working part, it is possible with the aid of the above data to refer maximum plasticity to the corresponding degree of relative reduction during rolling. These findings make it possible to compare the plasticity of metals at high temperatures so as to accordingly improve their hot working. Orig. art. has: 1 figure, 2 tables.

SUB CODE: 13,11,20/SUBM DATE: none/ ORIG REF: 010/ OTH REF: 001

Cord 4/4 LC

L 41263-66 ENT(m)/EWP(t)/ETI/EWP(k) LIP(c) ID/ID

ACC NR: AT6012091 (N)

SOURCE CODE: UR/3177/65/021/000/0310/0313

AUTHOR: Meleshko, V. I. (Candidate of technical sciences); Kachaylov, A. P. (Candidate of technical sciences)

ORG: none

TITLE: Effect of work hardening and temperature on the mechanical properties of Kh18Ni10T steel

SOURCE: Dnepropetrovsk. Institut chernoy metallurgii. Trudy, v. 21, 1965. Prokatnoye proizvodstvo (Welding production), 310-313

TOPIC TAGS: tensile testing machine, stainless steel, mechanical property, temperature dependence, material deformation / UM-5A tensile testing machine, Kh18Ni10T steel

ABSTRACT: This effect was investigated for specimens of hot-rolled Kh18Ni10T stainless steel 3.8-3.9 mm thick which were rolled in a four-high mill to various degrees of deformation (8, 13, 20, 40, 60, 70 and 75%) and then subjected to hot tensile strength tests at five different temperatures (0, 100, 200, 300 and 400°C, 20 min each time) in an UM-5A tensile testing machine in order to elucidate the influence of the temperature conditions of deformation on

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L 41263-66

ACC NR: AT6012091

the yield point. To this end, a tubular electric furnace measuring 300 mm in length and 95 mm in inside diameter was attached to the UM-5A machine. The findings were used to plot the yield point $\sigma_{0.2}$, ultimate strength σ_B and elongation per unit length δ as a function of the degree of preliminary deformation for each of the five test temperatures (Figs. 1, 2, 3)

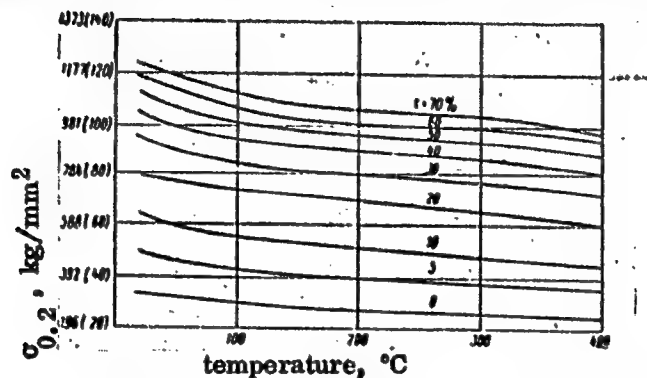


Fig. 1. Effect of temperature and degree of deformation on the yield point of Kh18N10T steel

Card 2/4

L 41268-56
ACC NR: AT6012091

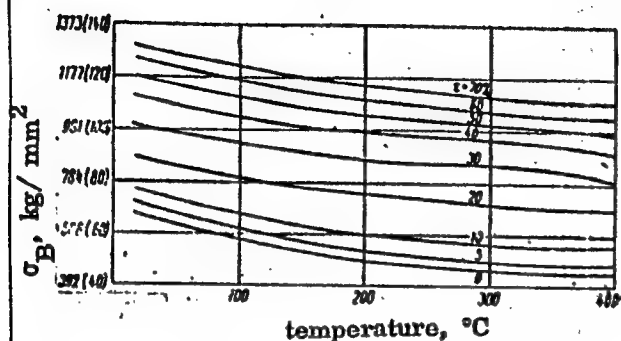


Fig. 2. Effect of temperature and degree of deformation on the ultimate strength of Kh18Ni10T steel

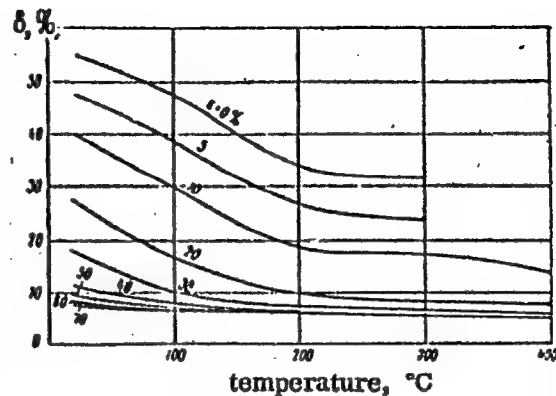


Fig. 3. Effect of temperature and degree of deformation on the elongation per unit length of Kh18Ni10T

Card 3/4

L 41263-56

ACC NR: AT6012091

It is thus established that $\sigma_{0.2}$ and σ_B decrease with increasing temperature and that for $\sigma_{0.2}$ this decrease is virtually independent of the degree ϵ of deformation. The effect of temperature is the strongest within the ranges of 20-200 and 300-400°C. As ϵ increases the strength characteristics increase for any test temperature. The plasticity of steel decreases both with increase in preliminary deformation ϵ and with increase in temperature within the limits investigated. Orig. art. has: 4 figures, 1 table.

SUB CODE: 13, 11,20/SUBM DATE: none

Card 4/4 LC

L 41264-66 EWT(m)/T/BWP(t)/EWP(t)/ETI IJP(c) JD/IT/JXT(CZ)

ACC NR: AT6012092

SOURCE CODE: UR/3177/65/021/000/0314/0317

AUTHOR: Kachaylov, A. P. (Candidate of technical sciences)

ORG: none*

TITLE: Deformation resistance of Kh9S2 steel in the presence of high temperatures and strain rates

SOURCE: Dnepropetrovsk. Institut chernoy metallurgii. Trudy, v. 21, 1965. Prokatnoye proizvodstvo (Welding production), 314-317.

TOPIC TAGS: silchrome steel, metal deformation, deformation rate, high temperature effect, torsion stress, plasticity / Kh9S2 silchrome steel

ABSTRACT: This effect was investigated for Kh9S2 silchrome steel (0.38% C, 2.36% Si, 0.38% Mn, 8.60% Cr, 0.16% Ni, 0.014% S, 0.027% P) with the aid of hot twist tests of tubular thin-walled (1 mm thick) specimens with an average radius $R_{av} = 9$ mm following deformation at four different rates (26.4, 47.1, 81.7 and 168.5 sec^{-1}) and temperatures (900, 1000, 1100 and 1200°C) by a method described elsewhere (A. P. Chekmarev and A. P. Kachaylov. Zavodskaya laboratoriya, 1963, no. 2). These tests established that, whatever the deformation

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L L 41264-66
ACC NR: AT6012092

On the whole, it is established that Kh9S2 steel displays maximum plasticity at 1200°C and hence this is the optimal temperature of heat treatment for this steel. As for the effect of strain rates, measurements of Rockwell hardness H_{RC} showed that it increases with increase in strain rate, since higher strain rates retard crystallization, and increase the crystallization temperature. Orig. art. has: 5 figures. 16

SUB CODE: 11, 13, 20 SUBM DATE: none/ ORIG REF: 003

Card 3/3 LC

ACC NR: AR6027514

SOURCE CODE: UR/0137/66/000/004/I078/I079

AUTHOR: Meleshko, V. I.; Kachaylov, A. P.

TITLE: Effect of cold working and temperature on the mechanical properties of Kh18N10T steel

SOURCE: Ref. zh. Metallurgiya, Abs. 41529

REF SOURCE: Nauchn. tr. In-t chern. metallurgii Gos. kom-ta po chern. i tsvetn. metallurgii pri Gosplane SSSR, v. 21, 1965, 310-313

TOPIC TAGS: cold working, stainless steel, mechanical property, plasticity, metal deformation / Kh18N10T steel

TRANSLATION: Samples were prepared from stainless steel quenched after hot-rolling and pickled. The thickness of the original samples varied within the range 3.8-3.9 mm. The samples were cold rolled. The testing temperatures were 0, 100, 200, 300 and 400°C. The amounts of deformation during rolling were 0.8, 13, 20, 40, 70 and 75%. With increase of temperature, $\sigma_{0.2}$ and σ_b decreased. The decrease of $\sigma_{0.2}$ was practically independent of preliminary deformation. When the temperature was raised to 100°C, the decrease in $\sigma_{0.2}$ was 5-7% for samples of nondeformed steel, while for samples deformed 7% in compression, it was about 8-9%. At 400°C, the decrease was respectively

UDC: 669.15.018.8

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ACC NR: AR6027514

25-27 and 21-23%. With increase in the degree of deformation, strength increased for all testing temperatures. The plasticity of the steel was lowered with a rise in the amount of preliminary deformation, as well as with an increase in testing temperature. V. Olenicheva.

SUB CODE: 11,13

Card 2/2

"APPROVED FOR RELEASE: 07/19/2001

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"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000519820001-5

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CIA-RDP86-00513R000519820001-5"

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39795
S/032/62/028/008/014
B104/B102

AUTHORS: Kachaynik, O. I., and Berman, S. I.

TITLE: Determination of the plastic yield stress at high temperatures
applying high rates of deformation

PERIODICAL: Zavodskaya laboratoriya, v. 28, no. 8, 1962, 971 - 975

TEXT: Specimens of titanium alloyed with Al, V and Mo were tested in a tensile testing machine at stretching rates of 222, 520 and 1400 mm/sec. The deformation rates were 556, 1300 and 3500 %/sec. The force acting on the samples was measured with a pressure cell and electric strain gages. During the experiment the samples were subjected to temperatures of 600, 700, 800, 900, 1000, 1100 and 1150°C inside a tubular furnace. Elongation was measured by strain gages and contraction photoelectrically. A specimen was stretched at a rate of 222 mm/sec after annealing at 1000°C for 10 min; its failure occurred after 0.9 sec and the elongation was 50%. There are 4 figures and 1 table. X

Card 1/2.

Determination of the plastic yield ...

S/032/62/028/008/008/014
B104/B102

ASSOCIATION: Moskovskiy institut stali i splavov (Moscow Institute of
Steel and Alloys)

X

Card 2/2

KACHAYNIK, O.I., kand.tekhn.nauk

Investigation of force parameters during hot rolling. Trudy MATI
no.62:91-100 '65. (MIRA 18:10)

ACC NR: AT5027921 ~~REF(1)/REF(2)/REF(3)/REF(4)/REF(5)/REF(6)/REF(7)/REF(8)/REF(9)/REF(10)/REF(11)/REF(12)/REF(13)/REF(14)/REF(15)/REF(16)/REF(17)/REF(18)/REF(19)/REF(20)/REF(21)/REF(22)/REF(23)/REF(24)/REF(25)/REF(26)/REF(27)/REF(28)/REF(29)/REF(30)/REF(31)/REF(32)/REF(33)/REF(34)/REF(35)/REF(36)/REF(37)/REF(38)/REF(39)/REF(40)/REF(41)/REF(42)/REF(43)/REF(44)/REF(45)/REF(46)/REF(47)/REF(48)/REF(49)/REF(50)/REF(51)/REF(52)/REF(53)/REF(54)/REF(55)/REF(56)/REF(57)/REF(58)/REF(59)/REF(60)/REF(61)/REF(62)/REF(63)/REF(64)/REF(65)/REF(66)/REF(67)/REF(68)/REF(69)/REF(70)/REF(71)/REF(72)/REF(73)/REF(74)/REF(75)/REF(76)/REF(77)/REF(78)/REF(79)/REF(80)/REF(81)/REF(82)/REF(83)/REF(84)/REF(85)/REF(86)/REF(87)/REF(88)/REF(89)/REF(90)/REF(91)/REF(92)/REF(93)/REF(94)/REF(95)/REF(96)/REF(97)/REF(98)/REF(99)/REF(100)~~
 AUTHOR: ~~REF(1)/REF(2)/REF(3)/REF(4)/REF(5)/REF(6)/REF(7)/REF(8)/REF(9)/REF(10)/REF(11)/REF(12)/REF(13)/REF(14)/REF(15)/REF(16)/REF(17)/REF(18)/REF(19)/REF(20)/REF(21)/REF(22)/REF(23)/REF(24)/REF(25)/REF(26)/REF(27)/REF(28)/REF(29)/REF(30)/REF(31)/REF(32)/REF(33)/REF(34)/REF(35)/REF(36)/REF(37)/REF(38)/REF(39)/REF(40)/REF(41)/REF(42)/REF(43)/REF(44)/REF(45)/REF(46)/REF(47)/REF(48)/REF(49)/REF(50)/REF(51)/REF(52)/REF(53)/REF(54)/REF(55)/REF(56)/REF(57)/REF(58)/REF(59)/REF(60)/REF(61)/REF(62)/REF(63)/REF(64)/REF(65)/REF(66)/REF(67)/REF(68)/REF(69)/REF(70)/REF(71)/REF(72)/REF(73)/REF(74)/REF(75)/REF(76)/REF(77)/REF(78)/REF(79)/REF(80)/REF(81)/REF(82)/REF(83)/REF(84)/REF(85)/REF(86)/REF(87)/REF(88)/REF(89)/REF(90)/REF(91)/REF(92)/REF(93)/REF(94)/REF(95)/REF(96)/REF(97)/REF(98)/REF(99)/REF(100)~~
 SOURCE CODE: UR/2536/65/000/062/0091/0100

AUTHOR: Kachaynik, O. I. (Candidate of technical sciences)

ORG:

TITLE: Temperature dependence of deformation during the hot rolling of a Ti-base alloy B-7

SOURCE: Moscow. Aviatsionnyy tekhnologicheskii institut. Trudy, no. 62, 1965.
Obrabotka davleniyem legkikh splavov (Pressure working of light alloys), 91-100

TOPIC TAGS: titanium base alloy, hot rolling, temperature dependence, plastic deformation, impact strength, metalworking, ultimate strength, elongation

ABSTRACT: The author presents the results of an investigation of the technological properties of a Soviet-developed Ti-base alloy treated with Al, V, Mo and Zr, performed with the object of determining the optimal temperatures and strength characteristics during its hot working. This alloy has the structure of ($\alpha + \beta$)-phase. At 500°C sheets of this alloy have an ultimate strength of $\sim 70 \text{ kg/mm}^2$ and relative elongation of 24-26%. Impact tests of specimens were performed as temperatures of from room temperature to 1200°C with the object of determining the maximum degree of deformation prior to the appearance of the first crack; the degree of deformation could be adjusted by mounting rings on the table of the impact testing machine with the object of

Card 1/3

UDC: 669.295; 621.97.07

L 15639-66

ACC NR: AT5027921

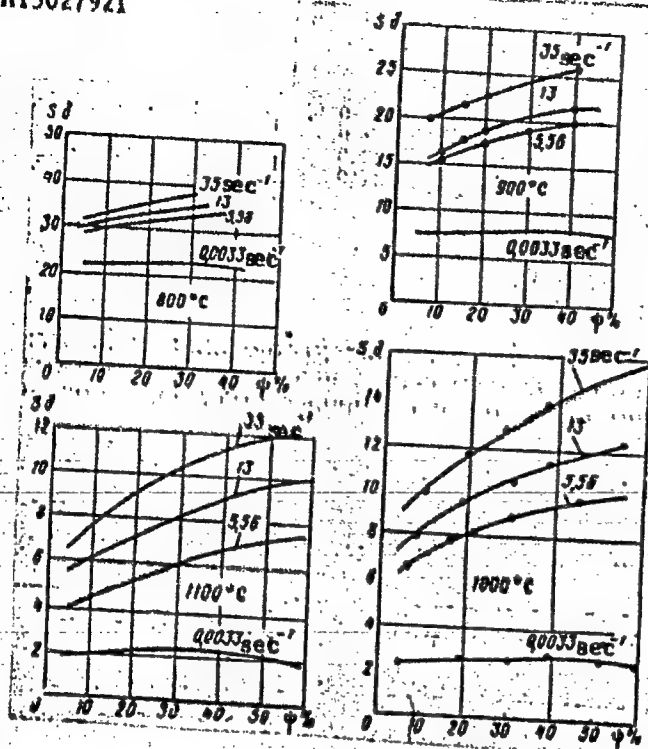


Fig. 1. Variation in deformation resistance S_d as a function strain rate and of degree of deformation at various test temperatures.

Card 2/3

ACC NR: AT5027921

restraining the motion of the ram. These tests showed that the optimal temperature range for the hot working of this particular alloy is 800-1100°C, since then the impact strength and degree of deformation prior to appearance of first crack are maximal. Hot rolling of specimens in a two-high mill at temperatures of 800, 900, 1000 and 1100°C with degrees of deformation amounting to 10, 20, 30 and 40% in the presence of dynamometers made it possible to plot the mean unit roll pressure p_m as a function of temperature and the $l:h$ ratio (ratio of length of area of deformation to mean thickness of strip). Tensile tests of specimens made it possible to determine the variation in deformation resistance S_0 as a function of the strain rate and degree of deformation at various test temperatures, on using as the tensile testing machine a 3-ton chain-type drawing mill with the traveling rate of the chain being successively adjusted to 222, 520 and 1400 mm/sec: for specimens 40 mm long the deformation rate in this case was 5.56, 13 and 35 sec⁻¹, respectively (Fig. 1). Analysis of the experimental findings by means of Tselikov's formula (Prokatnoye proizvodstvo. Handbook, edited by Ye. S. Rokotyan, vol. 1, Metallurgizdat, 1962) showed that the attendant friction coefficients are quite acceptable in practical engineering calculations. Orig. art. has: 6 figures, 2 tables.

SUB CODE: 11, 13/ SUBM DATE: none/ ORIG REF: 005/ OTH REF: 000

Card 3/3

PETROV, L.A.; FOMENKO, G.N.; KACHEGIN, V.P.

Advantage of using wood and concrete rod bolting. Gor.zhur.
no.10:72-73 O '64. (MIRA 18:1)

1. Sibirskiy proyektnyy nauchno-issledovatel'skiy institut
tsvetnoy metallurgii (for Petrov, Fomenko). 2. Glavnyy inzh.
Sovetskogo rudnika Krasnoyarskogo soveta narodnogo khozyaystva
(for Kachegin).

25643 KACHEL'IN, L. I.

Soveshaniya rabotnikov lesotekhnicheskikh institutov.

/Yanv. i Fevr. 1948/,

Vestnik vyssh. shkoly. 1948, No. 6, s. 50-52.

SO: Letopis' Zhurnal'nykh Statey, No. 30, Moskva, 1948

KACHELKIN, L. I.
25643

Soveshaniya Rabotnikov Lesotekhnichkikh
Institution. (Yanv. I Fevr. 1948)
Vestnik Vyssh. Shkoly. 1948, No. 6
S. 50-52

SO: LETOPIS NO. 30, 1948

KACHELKIN, L. I.

Kachelkin, L. I. "Reorganize the insturction of forestry science", Vestnik vyssh. shkoly, 1949, No. 2, p. 1-6.

SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 9, 1949)

KACHELKIN, Leonid Ivanovich; GUSARCHUK, D.M., red.; KSENOFONTOV, I.A.,
red.; YASINSKIY, B.N., red.; MYAKUSHKO, V.P., red.izd-va;
SHIRKOVA, R.Ye., tekhn.red.

[Complete utilization of wood waste] Kompleksnoe ispol'zovanie
otkhodov drevesiny. Moskva, Goslesbumizdat, 1961. 201 p.
(MIRA 15:5)

1. Moscow. Vystavka dostizheniy narodnogo khozyaystva SSSR.
2. Tsentral'nyy nauchno-issledovatel'skiy institut mekhanizatsii i energetiki lesnoy promyshlennosti (for Kachelkin).
(Wood-using industries)
(Wood waster)

VORONITSYN, K.I., kand. tekhn. nauk, red.; TIZENGAUZEN, P.E., kand. tekhn. nauk, red.; NADBAKH, M.P., red.; TANTSEV, A.A., starshiy nauchnyy sotr., red.; ABRAMOV, S.A., kand. tekhn. nauk, red.; ABRAMOV, D.A., red.; BOGDANOV, N.I., starshiy nauchnyy sotr., red.; VINOGROROV, G.K., kand. tekhn. nauk, red.; GAVRILOV, I.I., starshiy nauchnyy sotr., red.; GUSARCHUK, D.M., starshiy nauchnyy sotr., red.; D'YAKONOV, A.I., red.; ZAV'YALOV, M.A., kand. tekhn. nauk, red.; ZARETSKIY, M.S., starshiy nauchnyy sotr., red.; KACHELKIN, L.I., starshiy nauchnyy sotr., red.; KISHINSKIY, M.I., kand. tekhn. nauk, red.; KOLTUNOV, B.Ya., starshiy nauchnyy sotr., red.; OSIPOV, A.I., kand. tekhn. nauk, red.; SHINEV, I.S., kand. ekon. nauk, red.

[Materials of the enlarged session of the Scientific Council of the Central Scientific Research Institute for Mechanization and Power Engineering in Lumbering on problems concerning power engineering and the electrification of the lumber industry]

Materialy rasshirennoi sessii Uchenogo soveta TsNIIME po voprosu energetiki i elektrifikatsii lesnoi promyshlennosti. Moskva, 1961. 75 p.

(MIRA 15:4)

(Continued on next card)

VORONITSYN, K.I.---(continued) Card 2.

1. Khimki. Tsentral'nyy nauchno-issledovatel'skiy institut mekhanizatsii i energetiki lesnoy promyshlennosti. 2. Nachal'nik Tsentral'nogo byuro tekhnicheskoy informatsii lesnoy promyshlennosti (for Nadbakh). 3. Direktor Tsentral'nogo nauchno-issledovatel'skogo instituta mekhanizatsii i energetiki lesnoy promyshlennosti (for Voronitsyn). 4. Uchenyy sovet Tsentral'nogo nauchno-issledovatel'skogo instituta mekhanizatsii i energetiki lesnoy promyshlennosti (for D'yakonov). 5. Nachal'nik otdeleniya energetiki i sredstv avtomatizatsii Tsentral'nogo nauchno-issledovatel'skogo instituta mekhanizatsii i energetiki lesnoy promyshlennosti (for Zaretskiy).
(Lumbering) (Electric power)

KACHELKIN, L.I.; YURCHENKO, K.S.; PLOTNIKOV, Yu.V.

"DU-2" chipper. Bum.prom. 38 no.4:19-20 Ap '63. (MIRA 16:5)

1. TSentral'nyy nauchno-issledovatel'skiy institut mekhanizatsii
i energetiki lesnoy promyshlennosti.
(Woodpulp industry--Equipment and supplies)

KACHELKIN, L.I.; RUSHNOV, N.P.; KOROBOV, V.V.; MIKHAYLOV, G.M.;
CHEREZOVA, V.M.

[Use of lumbering wastes] Ispol'zovanie otkhodov lesoza-
gotovok. Moskva, Lesnaia promyshlennost', 1965. 322 p.
(MIRA 18:6)

1. Nachal'nik laboratorii ispol'zovaniya drevesiny i dre-
vesnykh otkhodov Tsentral'nogo nauchno-issledovatel'skogo
instuta mekhanizatsii i energetiki lesnoi promyshlennosti
(for Kachelkin).

Kachelska, O.

3

145 547.404 : 543.7

Kachelska O. On Using Certain Salts of Tri-Thio-Carbonate Acid for Qualitative Analysis of Cations.

„O zastosowaniu niektórych soli kwasu trójtlenowego w analizie jakościowej kationów”. Przemysł Chemiczny. No. 6, 1955, pp. 317-320.

A simple method has been devised for obtaining an approximately 1 in aqueous solution of sodium tri-thio-carbonate by treating NaOH solutions with hydrogen sulphide and carbon disulphide. This solution, diluted 1: 10, almost odorless and of prolonged stability, was used instead of hydrogen sulphide as a group reagent for precipitating sulphides of the second and third cation groups.

Chem 1.
PM

KACHEMASOVA D. P.

USSR / Microbiology. Hygienic Microbiology.

F-4

Abs Jour : Ref Zhur - Biol., No 20, 1958, No. 90827

Author : ~~Kachemasova, D. P.~~

Inst : Kazan Veterinary Institute

Title : Characteristics of Conditionally Pathogenic Microflora
Isolated from Carcasses of Forcibly Sacrificed Animals

Orig Pub : Uch. zap. Kazansk. veta in-ta, 1957, 65, 225-237

Abstract : No abstract given

Card 1/1

KARNITSKIY, V.I.; KACHENOVSKIY, A.N. (Moskva)

Glossalgia. Fel'd. i akush. 24 no.7:12-13 J1 '59.

(MIRA 12:10)

(TONGUE--DISEASES)

KARNITSKIY, V.I., assistant; KACHENOVSKIY, A.N., ordinator; SHORIN, V.D.,
assistant

Comparison of methods for preparing hard dental tissue. Stomatologiya
39 no.1:13-14 Ja-F '60. (MIRA 14:11)

1. Iz kafedry terapevticheskoy stomatologii (zav. - prof. Ye.Ye.
Platonov) i kafedry ortopedicheskoy stomatologii (zav. - prof.
V.Yu.Kurlyandskiy) Moskovskogo meditsinskogo stomatologicheskogo
instituta (dir. - dotsent G.N.Beletskiy).
(DENTAL INSTRUMENTS AND APPARATUS)

KACHENOVSKIY, M.I. (Moscow)

Self-made visual aids for teaching mathematics. Mat. v shkole
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